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(54) Title: **LIQUID COMPOSITION POLYMERIZABLE INTO ORGANIC GLASS HAVING GOOD OPTICAL AND PHYSICO-MECHANICAL CHARACTERISTICS**

(57) Abstract: A liquid composition is described, which can undergo radicalic polymerization into organic glass, comprising: 1) the product obtained from the transesterification of diallyl carbonate (A) with a blend of one or more linear or branched aliphatic diols (B), containing from three to ten carbon atoms in the molecule, with a linear or branched aliphatic polyol (C), containing from four to twenty carbon atoms and from three to six hydroxyl groups in the molecule, in an overall concentration ranging from 70 to 100% by weight with respect to the total weight of the mixture of components 1) and 2); 2) one or more comonomers of the acrylic, methacrylic, vinylic or allylic type and mixtures thereof, in an overall concentration ranging from 0 to 30% by weight with respect to the total weight of the mixture of components 1) and 2); 3) a polymerization initiator or a mixture of two or more polymerization initiators, stable at room temperature, belonging to the group of peroxides, in an overall concentration ranging from 0.03 to 0.1 moles per 1 kg of final composition



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